

CLAIMS

Therefore, having thus described the invention, at least the following is claimed:

1. An apparatus for filling a tire and wheel assembly with a mixture of reactants for reacting within said tire to create a foam-fill within the tire, comprising:
 - a cart having a work surface for receiving said tire and wheel assembly;
 - a mixer mounted to the cart for receiving said reactants, and supply lines attached to the mixer for delivering the reactants to the mixer,
 - gas supply line attached to the mixer for delivering gas to be entrained in the reactants in the mixer,
 - the mixer including an outlet for injecting the mixture of said reactants and entrained gas into said tire.
2. The apparatus defined in claim 1, wherein the mixer is a static mixer.
3. The apparatus defined in claim 1, wherein the work surface includes a weight scale for weighing the tire.
4. The apparatus defined in claim 1, wherein the cart includes means for automatically controlling the amount of reactants mixed by the mixer for injection into said tire.